

## STEM Grant Rubric

### I. General Information

All necessary information is included and complete?

### II. Abstract

Does the abstract clearly describe the vision, goals, and activities of the STEM grant purpose?

| Weak                                                                                                                                                                                                                                                                                                                     | Average                                                                                                                                                                                                                                                                                                                                                | Strong                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>The vision for this grant is not clear or the proposal does not discuss the vision.</li> <li>The goals are not discussed, or they are not measureable, or the goals do not align to the vision.</li> <li>The activities are not clear or do not align with the vision.</li> </ul> | <ul style="list-style-type: none"> <li>The vision was discussed; however it is not aligned with the needs of the project.</li> <li>The goals are stated and discussed; however they are not fully aligned with the vision of the project.</li> <li>The activities were discussed; however they did not address all of the goals and vision.</li> </ul> | <ul style="list-style-type: none"> <li>The vision is very clear and is fully aligned with the needs of the STEM grant project.</li> <li>The goals were discussed very well and are fully aligned with the vision.</li> <li>The activities were fully discussed and addressed all goals very well.</li> </ul> |

### III. Signature

Are forms signed by the appropriate and authorized personnel?

### IV. Needs Assessment

1) Identify the primary needs to be addressed and how these needs were determined.

| Weak                                                                                                                                                                                                        | Average                                                                                                                                                                                                                     | Strong                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Did not identify needs.</li> <li>Provides no evidence of data used.</li> <li>Goals and objectives are not measurable and do not address identified needs.</li> </ul> | <ul style="list-style-type: none"> <li>Identifies some needs.</li> <li>Provides some evidence of data used to develop the grant.</li> <li>Goals and objectives are measurable and address some identified needs.</li> </ul> | <ul style="list-style-type: none"> <li>Identifies specific needs.</li> <li>Provides clear and convincing evidence that data was used in the development of this grant application.</li> <li>Goals and objectives are specific and measurable.</li> </ul> |

2) Describe the process used to select schools and students to participate in the grant activities. Identify by name, the schools and grade levels that will be served.

| Weak                                                                                                                                                                                                                                 | Average                                                                                                                                                                                                                                          | Strong                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Did not identify the process by which schools and students were selected.</li> <li>Did not provide information about the name of the schools and grade levels that will be served.</li> </ul> | <ul style="list-style-type: none"> <li>Provided some evidence about the process used in the selection of schools and students.</li> <li>Provides some information about the name of the schools and grade levels that will be served.</li> </ul> | <ul style="list-style-type: none"> <li>Clearly outlined the process used to identify schools and students.</li> <li>Identifies name, schools, and grade levels that will be served.</li> </ul> |

3) Identify all the under-represented student groups that will be served. Provide the number of students to be served by each group.

*\*Students who are typically under-represented in STEM means pupils who are female, pupils of color, pupils who are English language learners, pupils with disabilities and pupils who are economically disadvantaged.*

| Weak                                                                                                                       | Average                                                                                                                                             | Strong                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Does not present a plan or address the needs of underrepresented groups.</li> </ul> | <ul style="list-style-type: none"> <li>Provides some evidence of addressing underrepresented groups, but little to no numbers are given.</li> </ul> | <ul style="list-style-type: none"> <li>Provides specific information about the underrepresented groups being served, numbers to potentially be served, and outlines a clear plan and objectives.</li> </ul> |

## V. Project Description

1) How this STEM project is an innovative approach to actively engage, motive, and inspire learners.

| Weak                                                                                                                                    | Average                                                                                                                                                           | Strong                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Does not provide an innovative program description and does not discuss partnerships.</li> </ul> | <ul style="list-style-type: none"> <li>Provides some evidence the plan is innovative and may engage, motivate, and inspire learners with partnerships.</li> </ul> | <ul style="list-style-type: none"> <li>Provides a specific description for an innovative plan that actively engaging, motivating, and inspiring learners and how partners are actively involved.</li> </ul> |

2) How the STEM project will enhance college and career readiness, close the achievement gap, and be sustainable beyond the grant.

| Weak                                                                                                                                                                                          | Average                                                                                                                                                                                                                       | Strong                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Does not provide information how this project will enhance college and career readiness.</li> <li>Does not explain how activities with help</li> </ul> | <ul style="list-style-type: none"> <li>Describes some activities that are designed to enhance college and career readiness.</li> <li>Provides some rationale how this project will help close the achievement gap.</li> </ul> | <ul style="list-style-type: none"> <li>Provides clear evidence-based program activities designed to enhance college and career readiness.</li> <li>Provides rationale how the activities will</li> </ul> |

|                                                                                                                                                               |                                                                                                                                   |                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>close the achievement gap.</li> <li>Does not explain how this project will be sustainable beyond the grant.</li> </ul> | <ul style="list-style-type: none"> <li>Provides some rationale how this project might be sustainable beyond the grant.</li> </ul> | <ul style="list-style-type: none"> <li>help close the achievement gap.</li> <li>Provides precise, clear and realistic rationale how this project is sustainable beyond the grant, including external partnership(s).</li> </ul> |
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3) How the STEM project will encourage participation of traditionally under-represented students in STEM technical applications or careers.

| Weak                                                                                                       | Average                                                                                                                                  | Strong                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Does not address typically underrepresented populations.</li> </ul> | <ul style="list-style-type: none"> <li>Provides some evidence of addressing underrepresented groups and provides some detail.</li> </ul> | <ul style="list-style-type: none"> <li>Provides specific information about the underrepresented groups being served, numbers to potentially be served, and outlines a clear plan and objectives.</li> </ul> |

4) How this STEM project will include the required collaboration of at least one partner. The partnership may include business, industry, community-based organization, or institutions of higher education. Describe how these partner(s) will engage in the effort shared goals, responsibilities, and accountability for the project.

| Weak                                                                                              | Average                                                                                                                                                             | Strong                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Does not provide information about any partners</li> </ul> | <ul style="list-style-type: none"> <li>Provides some information about partner(s) and how they will be engaged in this project now, and into the future.</li> </ul> | <ul style="list-style-type: none"> <li>Provides clear and detailed information about the partner(s) engaged in this project, how they will share the project goals, responsibilities, and goals.</li> </ul> |

## VI. 25% Matching District Funds

1) Provide detailed information about the 25% matching funds from your district.

| Weak                                                                               | Average                                                                                                                                                    | Strong                                                                                                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Does not provide matching funds.</li> </ul> | <ul style="list-style-type: none"> <li>Provides some detail and information about the 25% matching funds, but not all of the details are clear.</li> </ul> | <ul style="list-style-type: none"> <li>Provides clear and detailed information about the district 25% match.</li> </ul> |

## VII. Goal / Objectives

State goal and measurable objectives, including projected student outcomes that are based on the primary needs to be addressed.

| Weak                                                                                                                                                        | Average                                                                                                                                                                    | Strong                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Does not provide goals or measurable objectives, student outcomes based on primary needs to be addressed.</li> </ul> | <ul style="list-style-type: none"> <li>Provides some detail about the goals and measurable objectives, student outcomes based on primary needs to be addressed.</li> </ul> | <ul style="list-style-type: none"> <li>Provides clear and detailed information about goals and measurable objectives, including projected student outcomes that are based on the primary needs to be addressed.</li> </ul> |

## VIII. Evaluation and Sustainability

- 1) Provide a plan for assessing the effectiveness of the grant activities. Include a description of assessments, who is responsible for collecting the data, documenting results, and the processes for reporting results.

| Weak                                                                                                                                                                   | Average                                                                                                                                                              | Strong                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Does not provide information about assessing the effectiveness of the grant or sustaining the project beyond the grant</li></ul> | <ul style="list-style-type: none"><li>Provides some information about assessing the effectiveness of the grant and sustaining the project after the grant.</li></ul> | <ul style="list-style-type: none"><li>Provides specific and clear information (how the project will be assessed and who is responsible) and how the results will be disseminated and to whom.</li></ul> |

- 2) Describe how the district will sustain STEM project activities beyond the grant, how the community partnership(s) will continue.

| Weak                                                                                                                                                                                                                        | Average                                                                                                                                                                                                      | Strong                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Does not provide information about sustaining the STEM project activities beyond the grant and does not provide information about how community partnerships will continue.</li></ul> | <ul style="list-style-type: none"><li>Provides some information about how sustaining STEM project activities after the grant and provides some information about community partners will continue.</li></ul> | <ul style="list-style-type: none"><li>Provides specific and clear information how the STEM project activates will continue beyond the grant and how community partners will be involved moving forward.</li></ul> |